



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROGRAM DEVELOPMENT & ADMINISTRATION DIVISION
SUITE 600, JAMES K. POLK BUILDING
505 DEADERICK STREET
NASHVILLE, TENNESSEE 37243-1402
(615) 741-3301**

JOHN C. SCHROER
COMMISSIONER

BILL HASLAM
GOVERNOR

TO: Chuck Rychen, Assistant Chief Engineer of Operations
FROM: *RP* Ronnie Porter, Director, Program Development and Administration Division
SUBJECT: **Proprietary Item Request and Justification for Loudon County for LED Street Lighting**

I, Ronnie Porter, Director of the Program Development and Administration Division, request approval for the Loudon County to be certified to utilize the following proprietary item(s) over the next three years, where Federal and/or State funding is used:

American Electric Lighting - Autobahn ABT2 LED luminaire.

Justification

Loudon Utility Board, which owns and maintains street lighting for much of Loudon County, has established the use of the American Electric Lighting Autobahn (ABT2) LED fixture as the LED street lighting standard for use system-wide. This fixture is currently in use within the utility board's system and continued use of this product will provide for the synchronization with existing facilities and match existing inventory within Loudon Utility Board's territory in Loudon County.

If you have any questions or comments, please contact **Eli Jones** at (615)532-6083 with the Local Programs Development Office or at Eli.Jones@tn.gov.

I, Ronnie Porter, Program Development and Administration Division Director, of the Tennessee Department of Transportation, do hereby certify that in accordance with the requirements of 23 CFR 635.411(a) (2) that the patented or proprietary item(s) as listed above is essential for the synchronization with existing facilities or no equally suitable alternative exists for this patented or proprietary item as listed above.

John C. Schroer, Director, Traffic Operations
 Recommendation for Approval

Chuck Rychen
 Assistant Chief Engineer of Operations

5.8.17
 Date



April 20, 2017

Mr. Eli Jones
Transportation Program Monitor – Region 1
Local Programs Development Office
James K. Polk Building, 6th Floor
505 Deaderick Street, Nashville, TN 37243

RE: Proprietary Material Approval for Street Lighting
Loudon County, TN

Dear Mr. Jones:

Loudon County is requesting approval of a proprietary material for street lighting fixtures. Loudon Utility Board, which owns and maintains street lighting for much of Loudon County, has established the use of the American Electric Lighting Autobahn (ABT2) LED fixture as the LED street lighting standard for use system-wide. The above mentioned fixture is currently in use within the Loudon Utility Board's system and continued use of this product will provide for the synchronization with existing facilities.

In consideration of the statements presented, Loudon County requests that the American Electric Lighting Autobahn (ABT2) LED fixture be considered for use on the SR-72 at SR-44 (Tellico Parkway) intersection lighting project. In addition, we request that the same be specified for use on future state and federal funded projects located within Loudon Utility Board's territory in Loudon County.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jack Qualls", is written over a light blue circular stamp.

Jack Qualls
Executive Director

cc: Bill Watkins, Loudon Utilities Board